

SUSAN M. SWENSEN

Department of Biology
Ithaca College
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Education:

- Ph.D.** Plant Physiology and Genetics, 1992, University of Tennessee, Knoxville, TN
M.S. Botany, 1988, University of Tennessee, Knoxville, TN
B.A. Biology, 1985, Grinnell College, Grinnell, IA

Professional Experience:

- 2008-present **Chair** Department of Biology
2002-present **Associate Professor** Department of Biology
Courses taught: *Principles of Biology, Evolution, Power of Plants, Literature in Biology, Junior Honors Seminar*
1996-2002 **Assistant Professor** Department of Biology, Ithaca College
Courses taught: *Principles of Biology, Evolution, Botany, Ethnobotany, Literature in Biology, Summer College for High School Sophomores, Junior Honors Seminar*
1995-1996 **Instructor** Department of Biology, Ithaca College
Courses taught: *Introductory Biology, Genetics*
1993-1995 **National Science Foundation Postdoctoral Fellow** Indiana University
(Advisor: Dr. Loren Rieseberg); Courses taught: *Ecology and Evolution*
1994 **Visiting Scientist** Royal Botanic Gardens, Kew, Jodrell Laboratory
(Host: Dr. Mark W. Chase)
1992-1993 **A. W. Mellon Postdoctoral Fellow** Rancho Santa Ana Botanic Garden
(Advisor: Dr. Loren Rieseberg) Courses taught: *Molecular Systematics and Evolution*
(Graduate Level Seminar)
1991-1992 **Research Assistant** University of Tennessee
actinorhizal molecular biology, (Advisor: Dr. Beth Mullin)
1986-1990 **Teaching Assistant** Tennessee Governor's School for the Sciences
Coordinator for Biology Summer Program for H.S. students
1985-1991 **Teaching Assistant** Department of Botany, University of Tennessee
Courses Taught: *Introductory Botany, Plant Physiology, Cell Biology, General Biology Labs*

Grants:

External Funding

- 2008-2011 **HSBC Foundation Commit-to-Change Grant:** Ithaca College's Environmental and Sustainability Model, for 9 individual components to enhance education and outreach (\$500,000; co-authored with S. Allen-Gil (PI) and J. Hamilton)
2003-2005 **National Science Foundation Collaborative RUI Grant:** Evolution of host use: phylogenetic analysis of *Blepharoneura* (Diptera: Tephritidae) and its hosts in the subtribe Guraniinae (Cucurbitaceae) (\$72,349)
2004-2005 **National Science Foundation REU Supplemental Grants:** (\$10,088 and \$13,953)
1999-2002 **National Science Foundation RUI Grant:** Phylogenetic study of Begoniaceae (\$100,000 with M. Tebbitt, Brooklyn Botanic Garden)
1999-2000 **National Science Foundation REU Supplements** (\$15,000)
1998-2000 **National Science Foundation Course Curriculum & Laboratory Improvement Grant** (\$45,360)
1993-1997 **National Science Foundation Systematics and Population Biology Grant**
Phylogenetic study of Cucurbitaceae and Allies (\$160,000)
1996-1997 **National Science Foundation REU Supplemental Grants:** (\$10,000)
1993-1994 **The Nature Conservancy:** Genetic analysis of Santa Cruz Island Bush Mallow (\$5,000)

Internal Funding:

- 2009 **Office of the Provost, Instructional Development Fund Grant:** Medicinal Plant Use in Belize - in support of enhancing course content in *Power of Plants: The Role of Plants in Medicine and Agriculture* (\$1350)
- 2008 **School of Humanities & Sciences Experiential Learning Curriculum Grant:** Enhancing community engagement projects for the course *Power of Plants: The Role of Plants in Medicine and Agriculture* (\$500)
- 2007-09 **School of Humanities & Sciences Educational Initiative Grants:** Alumni-in-the-Classroom grants to bring Biology alums to campus for seminars & classroom presentations: Jaime Blair '99 (\$600), Zeke Nims '00 (\$670), Wendy Clement '01(\$420),
- 2006 **School of Humanities & Sciences Educational Initiative Grants:** Green Roof Pilot Project (\$400) Sustainability Café Seminar Series (\$250)
- 2006 **Office of the Provost, Instructional Development Fund Grant:** Attendance at *The Teaching Professor Conference* (\$1072)
- 2000 **Ithaca College Summer Faculty Research Grant:** In support of travel to Hawaii with students to collect *Hillebrandia sandwichensis* (\$3,350)
- 1998 **Office of the Provost, Academic Project Grant:** Molecular Systematics of *Begonia* (\$750)
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Awards:

- 2003-2010 **Departmental Merit Awards (5)**
- 2009 **Ithaca College Faculty Excellence Award**
- 1998, 2006 **School of Humanities & Sciences Dean's Merit Awards**
- 1992-1993 **Andrew W. Mellon Postdoctoral Fellowship**, Rancho Santa Ana Botanic Garden
- 1992 **Sigma Xi Travel Award**, University of Tennessee
- 1990 **Department of Botany Graduate Student Award for Outstanding Teaching**
University of Tennessee
-

Peer-Reviewed Publications **student co-author*

- Swensen, S. M., *D. Carrión, M. Wells, & L. Kanda. (Submitted) An analysis of the effects of green roof substrate depth and composition on the growth of *Sedum album* and *Sedum spurium* in the northeastern United States. *Urban Ecology*.
- Allen-Gil, S., S. Swensen, & M. Brown. (Submitted) Roundtable Discussion: Sustainability as an academic discipline. *Sustainability: The Journal of Record*.
- Swensen, S. and K. Kubitski. 2011. Treatment of the plant family Datisceae in: *Families and Genera of Vascular Plants*. Vol. 10 (Flower Plants – Eudicots). K. Kubitski, editor. Springer (in press)
- Condon, M. D., S. J. Scheffer, M. L. Lewis, & S. M. Swensen. 2008. Hidden neotropical diversity: greater than the sum of its parts. *Science* 320: 928-931.
- Condon, M. D. C. Adams, *D. Bann, *K. Flaherty, *J. Gammons, *J. Johnson, M. L. Lewis, *S. Marsteller, S. J. Scheffer, *F. Serna, & S. M. Swensen. 2008. Uncovering tropical diversity: six sympatric cryptic species of *Blepharoneura* (Diptera: Tephritidae) in flowers of *Gurania spinulosa* (Cucurbitaceae) in eastern Ecuador. *Biological Journal of the Linnean Society* 93: 779-797.
- Swensen, S. M. & D. R. Benson. 2008. Evolution of actinorhizal host plants and *Frankia* endosymbioses. In: Pawlowski, K. and Newton, W. E., Eds. *Nitrogen-Fixing Actinorhizal Symbioses*. Series: Nitrogen Fixation: Origins, Applications, and Research Progress. Springer Life Sciences, Boston. 312 p. ISBN: 978-1-4020-3540-1
- Tebbutt, M. C., L. Lowe-Forrest, *A. Santoriello, *W. Clement, & S. M. Swensen. 2006. Phylogenetic relationships of Asian *Begonia*, with an emphasis on the evolution of rain-ballist and animal dispersal mechanisms in sections *Platycentrum*, *Sphenanthera*, and *Leptosae*. *Systematic Botany* 31(2): 327-336.

- *Clement, W. L., M. C. Tebbitt, L. L. Forrest, *J. E. Blair, L. Brouillet, T. Eriksson, & S. M. Swensen. 2004. Phylogenetic position and biogeography of *Hillebrandia sandwicensis* (Begoniaceae): a rare Hawaiian relict. *American Journal of Botany* 91(6): 905-917.
- Berry, A. M., T. M. Murphy, P. A. Okubara, K. R. Jacobsen, S. M. Swensen, & K. Pawlowski. 2004. Novel expression pattern of cytosolic glutamine synthetase in nitrogen-fixing root nodules of the actinorhizal host, *Datisca glomerata*. *Plant Physiology* 135: 1849-1862.
- Pawlowski, K., S. M. Swensen, C. Guan, A-E. Hadri, A. M. Berry, & T. Bisseling. 2003. Distinct patterns of symbiosis-related gene expression in actinorhizal nodules from different plant families. *Molecular Plant-Microbe Interactions* 16(9): 796-807.
- Chase, M.W., S. Zmarzty, M. Delores Lledo, K.J. Wurdack, S. M. Swensen & M.J. Fay. 2002. When in doubt, put it in Flacourtiaceae: a molecular phylogenetic analysis based on plastid *rbcL* DNA sequences. *Kew Bulletin* 57 (1): 141-181
- Soltis, D. E., P.S. Soltis, M.W. Chase, M.E. Mort, D.C. Albach, M. Zanis, V. Savlainen, W.H. Hahn, S.B. Hoot, M.F. Fay, *M. Axtell, S.M. Swensen, K.C. Nixon, & J.S. Farris. 2000. Angiosperm Phylogeny inferred from a combined data set of 18S rDNA, *rbcL*, and *atpB* sequences. *Botanical Journal of the Linnean Society* 133: 381-461.
- Fay, M. F., W. Alverson, A. Y. de Bruijn, S. M. Swensen, & M. W. Chase. 1998. Plastid *rbcL* sequences indicate a close affinity between *Diegodendron* and *Bixa*. *Taxon* 47: 43-50.
- Swensen, S. M., *J. N. Luthi, & L. H. Rieseberg. 1998. Datisceae revisited: monophyly and the sequence of breeding system evolution. *Systematic Botany* 233(1): 157-169.
- Alverson, W. S., K. Karol, D. A. Baum, M. W. Chase, S. M. Swensen, R. McCourt, & K. J. Sytsma. 1997. Circumscription of the Malvales and relationships to other Rosidae: evidence from *rbcL* sequence data. *American Journal of Botany* 85: 876-887.
- Fay, M. F., S. M. Swensen, & M. W. Chase. 1997. Taxonomic affinities of *Medusagyne oppositifolia* (Medusagynaceae). *Kew Bulletin* 52 (1): 111-120.
- Soltis, D. E., P. S. Soltis, D. L. Nickrent, L. A. Johnson, W. J. Hahn, S. B. Hoot, J. A. Sweere, R. K. Kuzoff, K. A. Kron, M. W. Chase, S. M. Swensen, E. A. Zimmer, S-M Chaw, L. J. Gillespie, W. J. Kress, & K. J. Sytsma. 1997. Angiosperm phylogeny inferred from 18S rDNA sequences. *Annals of the Missouri Botanical Garden* 84: 1-49
- Swensen, S. M. & B. C. Mullin. 1997a. Phylogenetic relationships among actinorhizal plants: the impact of molecular systematics and implications for the evolution of actinorhizal symbioses. *Physiologia Plantarum* 99/4: 565-573.
- Swensen, S. M. & B.C. Mullin. 1997b. The impact of molecular systematics on hypotheses for the evolution of root nodule symbioses and implications for expanding symbioses to new host plant genera. *Plant and Soil* 194/1-2: 185-192
- Morton, C., M. W. Chase, K. Kron, & S. M. Swensen. 1996. A molecular evaluation of the monophyly of the order Ebenales based upon *rbcL* sequence data. *Systematic Botany* 21(4):567-586.
- Swensen, S. M. 1996. The evolution of actinorhizal symbioses: evidence for multiple origins of the symbiotic association. *American Journal of Botany* 83: 1503-1512.
- Soltis, D. E., P. S. Soltis, D. R. Morgan, S. M. Swensen, P. G. Martin, B. C. Mullin, & J. M. Dowd. 1995. Chloroplast gene sequence data suggest a single origin of symbiotic nitrogen fixation in angiosperms. *Proceedings of the National Academy of Science, USA* 92: 2647-2651.
- Swensen, S., G. J. Allan, M. Howe, W. J. Elisens, & L. H. Rieseberg. 1995. Genetic analysis of the endangered island endemic *Malacothammus fasciculatus* var. *nesioticus*. *Conservation Biology* 9: 404-415.

- Rieseberg, L. & S. Swensen. 1994. Conservation genetics of endangered island plants. Chapter 12 in Conservation Genetics: Case Histories From Nature. J. C. Avise and J. L. Hamrick, Eds. Chapman and Hall, New York.
- Swensen, S. M., M. W. Chase, & B. C. Mullin. 1994. A phylogenetic analysis of the Datisceae based on nucleotide sequences from the chloroplast *rbcl* gene. Systematic Botany 19(1): 157-168.
- Chase, M. W., D. E. Soltis, R. G. Olmstead, D. Morgan, D. H. Les, B. D. Mishler, M. R. Duvall, R. A. Price, H. G. Hills, Y.-L. Qiu, K. A. Kron, J. H. Rettig, E. Conti, J. D. Palmer, J. R. Manhart, K. J. Sytsma, H. J. Michaels, W. J. Kress, K. G. Karol, W. D. Clark, M. Hedrén, B. S. Gaut, R. K. Jansen, K.-J. Kim, C. F. Wimpee, J. F. Smith, G. R. Furnier, S. H. Strauss, Q.-Y. Xiang, G. M. Plunkett, P. S. Soltis, S. M. Swensen, S. E. Williams, P. A. Gadek, C. J. Quinn, L. E. Eguiarte, E. Golenberg, G. H. Learn, Jr., S. W. Graham, S. C. H. Barrett, S. Dayanandan, and V. A. Albert. 1993. Phylogenetics of seed plants: an analysis of nucleotide sequences from the plastid gene *rbcl*. Annals of the Missouri Botanical Garden 80: 528-580.
- Swensen, S. M. 1992. A Phylogenetic Analysis of the Datisceae Based on DNA Sequences from the Ribulose-1,5-Bisphosphate Carboxylase/Oxygenase Gene. Ph.D. dissertation, University of Tennessee, Knoxville.
- Mullin, B. C., S. M. Swensen, and P. Goetting-Minesky. 1991. Hypotheses for the evolution of actinorhizal symbioses. Nitrogen Fixation: Achievements and Objectives. Gresshoff, Roth, Stacey, and Newton, Eds. Chapman and Hall, New York.
- Mullin, B.C., S. M. Swensen, P. Twigg and P. Goetting-Minesky. 1991. Application of molecular analyses to questions relating to the genetics, ecology and evolution of actinorhizal symbioses. In: Biochemical and Genetic Analyses of Gene Expression in Plants and Bacteria. P.M. Gresshoff, Ed. CRC Press, Baton Rouge.

Meeting Abstracts (Refereed): **student coauthors; presenter listed first*

- Allen-Gil, S. Swensen, S., Brown, M. 2009. Sustainability as an Academic Discipline: Degree Programs. [Panel Discussion] Greening of the Campus VIII. Indianapolis, IN. September 20-23. [panelist]
- *Davis, P., *Chesney, A., Hamilton, J. and S. Swensen. 2008. Ithaca College's greenhouse gas emissions inventory: a piece of the sustainability pie [poster]. Association for the Advancement for the Sustainability in Higher Education (AASHE) Biennial Conference and Expo. Raleigh, NC. Nov. 9-11. [poster]
- Condon, M. M. Lewis, S. Scheffer, S. Swensen. 2008. Diversity hidden in sex-changing vines. Annual Meeting of the Association of Tropical Biology, Paramaribo, Suriname, June 9-13.
- *Carrion, D. and S. M. Swensen. 2008. How Low Can You Go? The Effects of Substrate Variation on Green Roof Plants. 22nd National Conference of Undergraduate Research (NCUR), Salisbury University, Salisbury, MD, April 10-12.
- Brown, M. M., S. M. Swensen, J. G. Hamilton, E. Shapiro, and L. Walker. 2007. Exploring Positive Growth: The Sustainability Initiative at Ithaca College. Greening of the Campus VII. Ball State University, Muncie, IN. [poster]
- Swensen, S. M. & J. Hamilton. 2006. Broadening Participation in Sustainability. Annual Meeting of the Association for the Advancement of Sustainability in Higher Education (AASHE). Arizona State University, Tempe, AZ.
- *Rivard, R. & S. M. Swensen. 2006. A Study of CNS Computer Plug-load Usage. Eastern Colleges Science Conference (ECSC). Saint Joseph's University, Philadelphia, PA.
- Swensen, S. M. & J. Hamilton. 2005. Ithaca College's CNS Sustainability Group. Greening of the Campus VI. Ball State University, Muncie, IN. [poster]
- *Marsteller, S., *D. Bann, M. Lewis, S. Scheffer, S. Swensen, M. Condon. 2005. Evolution of Wing Shape in *Blepahroneura* (Diptera:Tephritidae). Evolution 2005 Society for the Study of Evolution Annual Meeting, Fairbanks, AK. [poster]

- *Bann, D., S. Swensen, S. Scheffer, M. Condon. 2005. Testing hypotheses of host use in *Blepharoneura* (Diptera: Tephritidae). Eastern Colleges Science Conference (ECSC) Central Connecticut State University, New Britain, CT.
- *Walsh, D., M. Condon, S. Swensen. 2005. Evidence for allele sharing in the internal transcribed spacer of *Gurania* (Cucurbitaceae). Eastern Colleges Science Conference (ECSC) Central Connecticut State University, New Britain, CT.
- *Clement, W.L., L. L. Forrest, and S. M. Swensen. 2001. Phylogenetic placement of *Hillebrandia sandwichensis* (Begoniaceae). Botany 2001, Albuquerque, NM. [poster]
- Swensen, S.M., *W.L. Clement, L.L. Forrest, and M.C. Tebbitt. 2001. *Hillebrandia sandwichensis*: Evolutionary relationships and biogeography. Botany 2001, Albuquerque, NM.
- *Clement, W. L. and S. M. Swensen. 2001. Investigation of *Hillebrandia sandwichensis*: Evolutionary Placement in the Family Begoniaceae. National Conference on Undergraduate Research (NCUR), Lexington, KY.
- *Clement, W. L. & S. M. Swensen. 2000. Investigation of *Hillebrandia sandwichensis*: Evolutionary Placement in the Family Begoniaceae. Eastern States Science Conference (ECSC), Wagner College, Staten Island, NY.
- *Clement, W. L. & S. M. Swensen. 2000. Cladistic Analysis: The Phylogenetic Approach to Understanding Evolution in Plants. CUR Undergraduate Research Posters on Capitol Hill. [poster]
- *Blair, J. E. & S. M. Swensen. 1999. Phylogeny and Biogeography of *Hillebrandia sandwichensis*. National Conference on Undergraduate Research (NCUR). University of Rochester, NY.
- *Blair, J. E. & S. M. Swensen. 1998. Phylogeny and Biogeography of *Hillebrandia sandwichensis*. Eastern States Science Conference (ECSC), Niagara University, Niagara, NY.
- *Axtell, M. J. & S. M. Swensen. 1998. Evolution of Actinorhizal Plants Inferred from *rbcL*, 18S rDNA, and *atpB* DNA sequences. 12th National Conference on Undergraduate Research (NCUR), Salisbury State University, Salisbury, MD.
- Swensen, S. M. & *C. M. Walsh. 1997. A Molecular Phylogeny of Cucurbitaceae. 48th Annual Meeting of AIBS (American Society of Plant Taxonomists), Montreal, Quebec.
- Chase, M. W., M. D. Lledo, M. B. Crespo, & Susan M. Swensen. 1996. When in doubt, put it in Flacourtiaceae: molecular systematics of Flacourtiaceae. American Journal of Botany 83:146 [abstract] 47th Annual Meeting of AIBS, Seattle, WA.
- Swensen, S. M., & M. W. Chase. 1995. Relationships of Theales sensu Cronquist from the Perspective of Cladistic Analyses of *rbcL* Sequence Data. 46th Annual Meeting of AIBS (American Society of Plant Taxonomists), San Diego, CA.
- Swensen, S. and B. Mullin. 1995. The Evolution of Actinorhizal Symbioses: Evidence from Phylogenetic Analysis of *rbcL* Genes and Morphology. 10th International Conference on *Frankia* and Actinorhizal Plants. University of California, Davis, CA. August 7.
- Swensen, S. M., G. Allan, & L. H. Rieseberg. 1994. Genetic Analysis of the endangered island endemic *Malacothamnus fasciculatus* var. *nesioticus*. 45th Annual Meeting of AIBS (American Society of Plant Taxonomists), Knoxville, TN.
- Swensen, S. M. & B. C. Mullin. 1994. Was the ancestor of symbiotic actinorhizal plants nodulated? 45th Annual Meeting of AIBS (American Society of Plant Taxonomists), Knoxville, TN.
- Swensen, S. M., M. W. Chase, & B. C. Mullin. 1993. Phylogenetic Affinities of Datisceae. 44th Annual Meeting of AIBS (American Society of Plant Taxonomists), Ames, IA.

Swensen, S. M. & B. C. Mullin. 1988. The Isolation and Characterization of a DNA Sequence from *Alnus glutinosa* that Hybridizes to a Globin Oligonucleotide Probe. American Society of Plant Physiologists (Southern Section), Blacksburg, VA.

Swensen, S. M. & B. C. Mullin. 1988. The Isolation and Characterization of a Truncated Globin Gene from *Alnus glutinosa*. 7th International Meeting on *Frankia* and Actinorhizal Plants, Storrs, CT.

Invited Presentations and Outreach:

Swensen, S. J. Hamilton. 2009-2010. Finger Lakes Project Workshop (Coordinator): annual faculty development workshop to encourage the incorporation of sustainability concepts into the curriculum. Ithaca College, May 26-28. See: http://www.ithaca.edu/fingerlakes_project/

Swensen, S. and B. E. Clark Joseph. 2009. Ithaca College's Plan to Achieve Carbon Neutrality Global Warming Teach-In, Ithaca College, Ithaca, NY. February 5.

Swensen, S. and B. E. Clark Joseph. 2009. Ithaca College's Plan to Achieve Carbon Neutrality, presented to Ithaca College Board of Trustees Buildings & Grounds Committee. Oct 23.

Swensen, S. 2008. Discovering Biodiversity. Physics Department Colloquium, Ithaca College, Ithaca, NY. Sept 23.

Swensen, S., M. Brown, and M. Darling. 2008. The Quest for a Sustainable World. Sodexo Northeast Regional Meeting, Ithaca College, Ithaca, NY. Jan. 8.

Swensen, S. 2007. How Plants Get Around. Presentation and activities for 4th Graders, Candor Elementary School, Candor, NY.

Swensen, S., *J. Morawiak, *J. Evans. 2003-2006. South Hill Elementary School, Annual 2nd Grade "Plant Day" (hosted day of activities for 2nd graders at Ithaca College for each of three years)

Swensen, S. 2006. Of Molecules & Mud: Using DNA to Trace the Evolution of Plants. Paleontological Research Institute's Museum of the Earth, Ithaca, NY. Oct. 21.

Swensen, S. 2005. Plants in Strange Places: Discovering Evolutionary History with Molecules (and mud). Cornell College Biology Department, Mount Vernon, IA. Oct. 18.

Swensen, S. 2005. The Quest for a Sustainable World: What We Know; What We Can Do. Cornell College DIMENSIONS Program Seminar. Mount Vernon, IA. Oct. 17.

Swensen, S. 1999. Evolution of Nitrogen-Fixing Symbioses in Angiosperms: Actinorhizal Symbioses. Cornell University, Department of Plant Sciences, Ithaca, NY. March 12.

Swensen, S. 1998. Evolution of Nitrogen-Fixing Symbioses in Angiosperms: Actinorhizal Symbioses. Department of Biological Sciences Seminar Series, University of Wisconsin, Milwaukee, WI. Nov. 20.

Swensen, S. 1998. Evolution of Nitrogen-Fixing Symbioses in Angiosperms: Actinorhizal Symbioses. Université de Montréal, Institut de recherche en biologie végétale. Oct. 16.

Swensen, S. 1997. Workshop: Randomly Amplified Polymorphic DNA (RAPD): Methods and Analysis. Sponsored by Botanical Society of America, 48th Annual Meeting of AIBS, Montréal, Québec.

Swensen, S. and B. Mullin, 1997. Evolution of Actinorhizal Symbioses. Department of Crop and Soil Science, Oregon State University, Corvallis, March 5.

Swensen, S. and B. Mullin. 1995. The Evolution of Nitrogen-Fixing Symbioses in Flowering Plants: Actinorhizal Symbioses. Department of Plant Biology, Southern Illinois University, Carbondale, IL. March 24.

Swensen, S. 1995. Workshop: Randomly Amplified Polymorphic DNA (RAPD): Methods and Analysis. Sponsored by American Society of Plant Taxonomists, 46th Annual Meeting of AIBS, San Diego, CA.

Swensen, S. 1994. Molecular Studies in Datisceae and Cucurbitaceae. Jodrell Laboratory, Royal Botanic Gardens, Kew, UK. May 20.

Professional Service:

Assistant Editor, *Journal of the Torrey Botanical Society*
Systematics & Evolution (2002-present)

Peer Reviewer:

Reviewer of Grant Proposals in Systematic & Population Biology (1993-present)

American Journal of Botany

Conservation Biology

Molecular Biology and Evolution

Molecular Ecology

Plant Phylogenetics and Evolution

Plant & Soil

Plant Biology,

Systematic Botany

Theoretical & Applied Genetics

Professional Societies:

American Society of Plant Taxonomists

Botanical Society of America

Society of Systematic Biologists

National Center for Science Education

Recent Service to Ithaca College:

Chair, Biology Department (2008-present)

Radiation Safety Officer (2008-present)

NCUR 2011 Executive Planning Committee (2009-present)

School of H&S Ad-Hoc Committee on Creation of Env. Studies & Sciences Dept. (2009)

Developmental Biology Search Committee (2009-2010)

President's Climate Commitment Committee (2007-present)

Partnerships in Sustainability Education (2006-present)

HSBC Commit-to-Change Grant Steering Committee (2008-present)

Chair, Biology Curricular Assessment Committee (2008-present)

Coordinator, Finger Lakes Project Workshop (2006-present)

President's Academic Roundtable (2008)

Registrar Search Committee (2008)

President Search Committee (2007-2008)

Biology Departmental Review Committee (2007-2008)

Environmental Studies & Sciences Administrative Assistant Search Committee (2007)

Environmental Studies & Sciences Steering Committee (2007-2009)

Admissions Communications Task Force (2006-2008)

Middle States Self Study - Leadership Task Force (2006)

School of H&S Academic Status Committee (2006-present)

Ecology Search Committee (2006)

Chair, NTEN Search Committee (2006)

Chair, CNS Sustainability Group → Faculty & Staff for Sustainability (2005-2009)